

Appl. No. : 10/005,751
Filed : November 7, 2001

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A microprocessor controlled device having an upper leaf and a lower leaf,
said upper leaf having a display screen configured to accept user input through the application of a force applied to the surface of the screen,
said upper leaf mounted on said lower leaf with the screen oriented at a comfortable viewing angle for a user when the lower leaf is in a generally horizontal orientation,
said lower leaf having a front and rear edge,
said upper leaf positioned inwardly from the front edge of said lower leaf such that a significant portion of said lower leaf forward of said upper leaf is directly accessible by a user,
said upper leaf positioned such that the maximum force typically applied to the uppermost force sensitive portion of the display screen in ordinary use is less than that needed to cause the microprocessor controlled device to tip backwards while positioned on a generally horizontal surface, but would cause such tipping if the same upper leaf were mounted at the rear edge of the same lower leaf with the screen at the same comfortable viewing angle;
wherein said maximum force typically applied is less than 350 g-force.

2. (Previously presented) The microprocessor controlled device of claim 1, wherein the force is less than that needed to cause tipping because the length of the moment arm, defined by the length of the distance from the point of application of the turning force to the rotational axis, is less than the length of the moment arm would be if the display were hinged to the lower leaf at a fixed point at the rear of the lower leaf in a conventional clam shell arrangement.

3. (Previously presented) The microprocessor controlled device of claim 2, wherein the force is less than that needed to cause tipping because the length of the moment arm is reduced by using a hinge that will cause the display, when fully opened, to be displaced forward

*Please enter
Thank you
JL
10/11/03*